

Session Program

30 October 2017 to 1 November 2017

Workshop on the physics of HL-LHC, and perspectives at HE-LHC

BSM WG

CERN, 500/1-001 - Main Auditorium

Tuesday 31 October

11:00

BSM WG: session 1

Session | **Location:** CERN, 503/1-001 - Council Chamber | **Conveners:** Xabier Cid Vidal, Riccardo Torre

11:00–11:15

Theoretical overview of Supersymmetry at the energy frontiers

Speaker

Tilman Plehn

11:20–11:35

Search for Long-lived particles at ATLAS

Speaker

Simone Pagan Griso

11:40–11:55

Search for Long-Lived particles at CMS

Speaker

Juliette Alimena

12:00–12:15

Searches for Long-lived particles at LHCb

Speaker

Carlos Vazquez Sierra

12:20–12:35

New proposals for long-lived particle studies

Speaker

David Curtin

12:40–12:55

challenges and needs for BSM searches: experimentalists perspective

Speakers

Keith Ulmer, Monica D'Onofrio, Xabier Cid Vidal

13:00

Wednesday 1 November

09:00

BSM WG: session 2

Session | **Location:** CERN, 222/R-001 | **Conveners:** Riccardo Torre, Keith Ulmer

09:00–09:15 Dark Photons and other Exotic Searches

Speaker

Martino Borsato

09:20–09:35 Searches for SUSY from ATLAS

Speaker

Federico Meloni

09:40–09:55 Searches for SUSY (and other non-resonant signatures) from CMS

Speaker

Giovanni Zevi Della Porta

10:00–10:15 Dark Matter at the LHC

Speakers

Uli Haisch, Ulrich Andreas Haisch

10:20–10:35 Axion-like particles

Speaker

Diego Redigolo

10:35

11:00

BSM WG: session 3 (vidyo link: <https://vidyowebrtc.web.cern.ch/client-select?url=https%3A%2F%2Fvidyoportal.cern.ch%2Fjoin%2FxR9WVNmRVG>)

Session | **Location:** CERN, 222/R-001

11:00–11:15 Resonances in Composite Theories

Speaker

Andrea Thamm

11:20–11:35 Neutral Naturalness

Speaker

Andrea Tesi

11:40–11:55 R-parity Violating Models

Speakers

Dr Manuel E. Krauss, Manuel Krauss

12:00–13:00 Discussion of submitted abstracts and other ideas

Speaker

All

13:00